PolvOne

MATERIAL SAFETY DATA SHEET NON-PHTHALATE VINEX MB

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1. PRODUCT AND COMPANY IDENTIFICATION POLYONE CORPORATION 8155 Cobb Center Drive, Kennesaw, GA 30152				
Emergency telephone number	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).		
Product name	:	NON-PHTHALATE VINEX MB		
Product code	:	FO20032643		
Chemical Name	:	Mixture		
CAS-No.	:	Mixture		
Product Use	:	Industrial Applications		

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight percent	
Azodicarbonamide	123-77-3	30 - 60	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

May release high amount of nitrogen if inadvertenly heated above 50°C (122°F) or stored incorrectly. Pressure inside the container can increase and cause its rupture. This mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. However, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions.

POTENTIAL HEALTH EFFECTS

Routes of Exposure:	: Eyes, Inhalation, Skin contact, Ingestion
Acute exposure	
Inhalation Ingestion Eyes Skin	 At process temperatures, product emissions may cause irritation. May be harmful if swallowed. May cause eye and skin irritation. Experience shows no unusual dermatitis hazard from routine handling.
Chronic exposure	: Refer to Section 11 for Toxicological Information.

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Medical Conditions Aggravated by Exposure:	: None known.
	4. FIRST AID MEASURES
Inhalation	: Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. When symptoms persist or in all cases of doub seek medical advice.
Ingestion	: Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt seek medical advice.
Eyes	: Rinse immediately with plenty of water, also under the eyelids, for a least 15 minutes. If eye irritation persists, seek medical attention.
Skin	: Wash off with soap and plenty of water.
	5. FIREFIGHTING MEASURES
Flash point	: Greater than 200 °F (93 °C)
Flammable Limits Upper explosion limit Lower explosion limit Auto-ignition temperature Suitable extinguishing media Special Fire Fighting Procedures Unusual Fire/Explosion Hazards	 no data available no data available no data available no data available Water. Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants. Cool closed containers exposed to fire with water spray. If inadvertent heating of product results in smoke production, spray immediately and thoroughly with water. May release high amount of nitrogen if inadvertenly heated above 50°C (122°F) or stored incorrectly. Pressure inside the container can increase and cause its rupture. Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible. May release high amount of nitrogen if inadvertenly heated above 50°C (122°F) or stored incorrectly. Pressure inside the container can increase and cause its rupture.
	6. ACCIDENTAL RELEASE MEASURES
Personal precautions	: Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
Environmental precautions	: Should not be released into the environment. The product should no be allowed to enter drains, water courses or the soil.
Methods for cleaning up	: Contain spillage, and then collect with non-combustible absorbent

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Storage

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material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). 7. HANDLING AND STORAGE Handling Wear personal protective equipment. Take measures to prevent the : build up of electrostatic charge. Provide for appropriate exhaust ventilation and dust collection at machinery. Keep away from open flames, hot surfaces and sources of ignition. : Keep away from direct sunlight. Keep in a dry, cool place. May release high amount of nitrogen if inadvertenly heated above 50°C (122°F) or stored incorrectly. Pressure inside the container can increase and cause its rupture. 8. EXPOSURE CONTROLS/PERSONAL PROTECTION Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Employees using respirators must be properly trained. Employers must follow applicable regulations such as OSHA 29 CFR 1910.134.

Eye/Face Protection : Safety glasses with side-shields

: Protective gloves

vapors.

Skin and body protection Long sleeved shirts and long pants are adequate for normal handling. : Where operations present a splash or spill potential, employees should wear chemically resistant clothing, boots, apron, gloves, and eye/face protection.

Additional Protective When using, do not eat, drink or smoke. Measures General Hygiene Do not breathe dust or spray mist. Handle in accordance with good : Considerations industrial hygiene and safety practices. Engineering measures : Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing

Exposure limit(s)

Hand protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid	Evapouration rate	:	Not applicable
Appearance	: Viscous liquid dispersion	Specific Gravity	:	Not determined

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Colour Odour Melting point/range Boiling Point: Water solubility	 YELLOW very faint not applicable not applicable negligible 	Bulk density Vapour pressure Vapour density pH	 Not established not determined Not determined not determined
	10. STABILITY ANI	D REACTIVITY	
Stability	: The product is stab	le if stored and handled as	prescribed.
Hazardous Polymerization	: Will not occur.		
Conditions to avoid	: Heat, flames and sp	parks.	

Incompatible Materials: Reacts with water or acids to form carbon dioxide (CO2)Hazardous decomposition
products: Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen
(NOx), other hazardous materials, and smoke are all possible.

(NOx), other hazardous materials, and smoke are all possible. Ammonia May release high amount of nitrogen if inadvertenly heated above 50°C (122°F) or stored incorrectly. Pressure inside the container can increase and cause its rupture.

11. TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
123-77-3	Azodicarbonamide	sensitizer	Respiratory system.

LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
123-77-3	Azodicarbonamide	LC50	200 mg/l	rat
		Oral LD50	> 6,400 mg/kg	rat
		Dermal LD50	> 2,000 mg/kg	rabbit
		Dermal LD50	2,000 mg/kg	rabbit

Additional Health Hazard Information:

Azodicarbonamide 123-77-3 Sensitizer to the respiratory system with repeated minimal inhalation. While no chronic health problems have been identified, individuals with respiratory problems should avoid inhalation exposure to this material.

12. ECOLOGICAL INFORMATION

Persistence and degradability

: no data available

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Environmental Toxicity	: no data available		
Bioaccumulation Potential	Daccumulation Potential : no data available		
Additional advice	: no data available		
	13. DISPOSAL CONSIDERATIONS		
Product	: The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.		
Contaminated packaging	: Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.		
	14. TRANSPORT INFORMATION		
U.S. DOT Classification	: Refer to specific regulation.		
ICAO/IATA	: Refer to specific regulation.		
IMO/IMDG (maritime)	: Refer to specific regulation.		
	15. REGULATORY INFORMATION		
US Regulations:			
OSHA Status	: Classified as hazardous based on components.		
TSCA Status	: All components of this product are listed on or exempt from the TSCA Inventory.		
US. EPA CERCLA Hazardou	s Substances (40 CFR 302)		
not applicable			
California Proposition 65	: Not applicable		
SARA Title III Section 302 E	xtremely Hazardous Substance		
Unlace anacific chemicals and	identified under this section, this product is Not Applicable under this regula		

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SARA Title III Section 313 Toxic Chemicals:					
Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation					
Canadian Regulations:					
National Pollutant Relea	se Ir	aventory (NPRI)			
not applicable					
WHMIS Classification	:	D2A			
DSL	:	All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.			
National Inventories:					
Australia AICS	:	Not determined			
China IECS	:	Not determined			
Europe EINECS	:	Listed			
Japan ENCS	:	Not determined			
Korea KECI	:	Not determined			
Philippines PICCS	:	Not determined			
16. OTHER INFORMATION					

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.